

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
5573-124

Serial No.
09/648,490

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

Whittle et al.

Filing Date
August 25, 2000

Group
1743

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>911x</i>	1.	4,128,658	12/05/78	Price et al.	424	285	
	2.	4,255,431	03/10/81	Junggren et al.	424	263	
	3.	4,279,819	07/21/81	Price et al.	260	326.5 S	
	4.	4,337,257	06/29/82	Junggren et al.	424	263	
	5.	4,508,905	04/02/85	Junggren et al.	546	271	
	6.	4,555,518	11/26/85	Rainer	514	338	
	7.	4,596,795	06/24/86	Pitha	514	58	
	8.	4,612,378	09/16/86	Bosshard et al.	548	170	
	9.	4,620,008	10/28/86	Brändström et al.	546	271	
	10.	4,628,098	12/09/86	Nohara et al.	546	271	
	11.	4,636,499	01/13/87	Brändström et al.	514	222	
	12.	4,725,691	02/16/88	Brändström et al.	546	172	
	13.	4,727,064	02/23/88	Pitha	514	58	
	14.	4,738,974	04/19/88	Brändström	514	338	
	15.	4,753,955	06/28/88	Matsuishi et al.	514	338	
	16.	4,772,619	09/20/88	Adelstein et al.	514	338	
	17.	4,777,172	10/11/88	Ife et al.	514	234.5	
	18.	4,786,505	11/22/88	Lovgren et al.	424	468	
	19.	4,808,596	02/28/89	Matsuishi et al.	514	303	
	20.	4,820,708	04/11/89	Ife et al.	514	232.8	
	21.	4,840,799	06/20/89	Appelgren et al.	424	493	
	22.	4,853,230	08/01/89	Lovgren et al.	424	466	
	23.	5,021,443	06/04/91	Bru-Magniez et al.	514	394	
	24.	5,039,806	08/13/91	Brändström et al.	546	271	
<i>14/11</i>	25.	5,045,321	09/03/91	Makino et al.	424	475	

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JM	26.	5,070,101	12/03/91	Kaminski	514	399	
	27.	5,075,323	12/24/91	Fain et al.	514	338	
	28.	5,093,132	03/03/92	Makino et al.	424	475	
	29.	5,093,342	03/03/92	Tomoi et al.	514	328	
	30.	5,096,893	03/17/92	Pitha et al.	514	58	
	31.	5,106,863	04/21/92	Hajos et al.	514	395	
	32.	5,124,158	06/23/92	Ruwart et al.	424	449	
	33.	5,178,867	01/12/93	Guittard et al.	424	473	
	34.	5,196,205	03/23/93	Borody	424	653	
	35.	5,204,118	04/20/93	Goldman et al.	424	489	
	36.	5,206,025	04/27/93	Courteille et al.	424	439	
	37.	5,219,870	06/15/93	Kim	514	338	
	38.	5,232,706	08/03/93	Palomo Coll	424	475	
	39.	5,244,670	09/14/93	Upson et al.	424	439	
	40.	5,246,714	09/21/93	Dahlinder et al.	424	497	
	41.	5,288,506	02/22/94	Spickett et al.	424	498	
	42.	5,294,439	03/15/94	Yamasaka et al.	424	78.01	
	43.	5,294,629	03/15/94	Machinami et al.	514	366	
	44.	5,304,540	04/19/94	Blackburn et al.	514	2	
	45.	5,352,688	10/04/94	Kaminski	514	357	
	46.	5,362,424	11/08/94	Lee et al.	264	4.3	
	47.	5,374,730	12/20/94	Slemon et al.	546	271	
	48.	5,385,739	01/31/95	Debregeas et al.	424	494	
	49.	5,386,032	01/31/95	Brändström	546	271	
JM	50.	5,391,752	02/21/95	Hoerner et al.	546	271	

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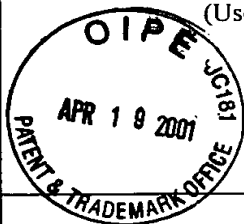
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<i>MM</i>	51.	5,399,700	03/21/95	Min et al.	546	271	
	52.	5,417,980	05/23/95	Goldman et al.	424	464	
	53.	5,433,959	07/18/95	Makino et al.	424	475	
	54.	5,457,260	10/10/95	Holt	585	820	
	55.	5,476,669	12/19/95	Borody	424	653	
	56.	5,508,041	04/16/96	Lee et al.	424	451	
	57.	5,514,660	05/07/96	Zopf et al.	514	25	
	58.	5,518,730	05/21/96	Fuisz	424	426	
	59.	5,536,735	07/16/96	Takechi et al.	514	338	
	60.	5,569,808	10/29/96	Cansell et al.	585	800	
	61.	5,571,811	11/05/96	Heeres et al.	514	252	
	62.	5,578,732	11/26/96	Kato et al.	546	273.7	
	63.	5,582,837	12/10/96	Shell	424	451	
	64.	5,589,491	12/31/96	Nakanishi et al.	514	338	
	65.	5,599,794	02/04/97	Eek et al.	514	29	
	66.	5,616,593	04/01/97	Patel et al.	514	321	
	67.	5,620,964	04/15/97	Roth et al.	514	53	
	68.	5,622,717	04/22/97	Fuisz	424	488	
	69.	5,629,305	05/13/97	Eek et al.	514	199	
	70.	5,633,244	05/27/97	Eek et al.	514	199	
	71.	5,635,520	06/03/97	Uda	514	338	
	72.	5,637,592	06/10/97	Heeres et al.	514	252	
	73.	5,639,478	06/17/97	Makino et al.	424	475	
	74.	5,639,754	06/17/97	Heeres et al.	514	252	
<i>MM</i>	75.	5,650,411	07/22/97	Heeres et al.	514	252	

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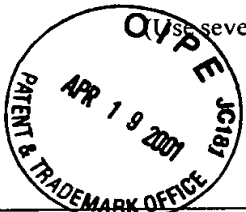
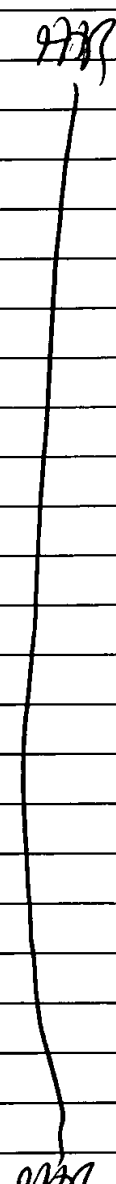
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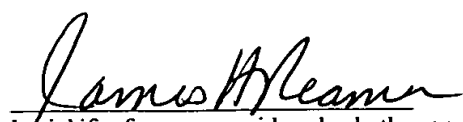
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U. S. PATENT DOCUMENTS (Cont'd)							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	76.	5,651,987	07/29/97	Fuisz	424	488	
	77.	5,656,286	08/12/97	Miranda et al.	424	449	
	78.	5,665,730	09/09/97	Senn-Bilfinger et al.	514	300	
	79.	5,684,580	11/04/97	Cooper et al.	356	301	
	80.	5,686,588	11/11/97	Yoo	536	13.3	
	81.	5,693,818	12/02/97	Von Unge	546	273.7	
	82.	5,710,156	01/20/98	Heeres et al.	514	255	
	83.	5,712,165	01/27/98	Alvarez et al.	436	21	
	84.	5,714,504	02/03/98	Lindberg et al.	514	338	
	85.	5,719,161	02/17/98	Rainer	514	300	
	86.	5,728,700	03/17/98	Heeres et al.	514	252	
	87.	5,731,002	03/24/98	Olovson et al.	424	484	
	88.	5,751,415	05/12/98	Smith et al.	356	301	
	89.	5,753,630	05/19/98	Zopf et al.	514	25	
	90.	5,766,622	06/16/98	Nelson	424	440	
	91.	5,776,765	07/07/98	Graham et al.	435	280	
	92.	5,811,426	09/22/98	Heeres et al.	514	252	
	93.	5,811,547	09/22/98	Nakamichi et al.	540	589	
	94.	5,817,338	10/06/98	Bergstrand et al.	424	468	
95.	5,840,552	11/24/98	Holt et al.	435	118		
96.	5,846,562	12/08/98	Yanai et al.	424	451		
97.	5,859,030	01/12/99	Kohl et al.	514	338		
98.	5,877,192	03/02/99	Lindberg et al.	514	338		
99.	5,912,179	06/15/99	Alvarez et al.	436	63		


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U. S. PATENT DOCUMENTS (Cont'd)							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JAP	100.	5,916,904	06/29/99	Sato et al.	514	338	
	101.	5,929,244	07/27/99	Von Unge	546	273.7	
	102.	5,948,789	09/07/99	Larsson et al.	514	299	
	103.	5,982,484	11/09/99	Clarke et al.	356	301	
	104.	6,100,975	08/08/00	Smith et al.	356	301	
JAN	105.	6,150,380	11/21/00	Löqvist et al.	514	338	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
J	106.	0124495 A2	11/07/84	EPO	C07D	401/12	X
JAN	107.	61007281 A2	01/13/86	JAPAN	C07D	513/14	X (Abstract)
	108.	0166287 B1	01/02/86	EPO	C07D	401/12	X
	109.	0171372 A1	02/12/86	EPO	C07D	513/14	X
	110.	61205211	09/11/86	JAPAN	A61K	031/44	X (Abstract)
	111.	0197013 A1	10/08/86	EPO	C07D	401/12	X
	112.	61271259	12/01/86	JAPAN	C07C	93/14	X (Abstract)
	113.	02049774 A2	02/20/90	JAPAN	C07D	235/28	X (Abstract)
	114.	4035455 A1	05/14/92	GERMANY	C07D	401/12	X
	115.	WO 89/03829	05/05/89	WIPO	C07D	401/12	X
	116.	0484265 A1	05/06/92	EPO	C07D	401/12	X
	117.	WO 92/08716	05/29/92	WIPO	C07D	401/12	X (Abstract)
	118.	WO 93/21920	11/11/93	WIPO	A61K	31/44	X
	119.	WO 94/02141	02/03/94	WIPO	A61K	31/44	X
	120.	0585722 A1	03/09/94	EPO	A61K	31/44	X
	121.	06096581	04/08/94	JAPAN	G11C	114/01	X (Abstract)
JAN	122.	06316573	11/15/94	JAPAN	C07D	401/12	X (Abstract)

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FOREIGN PATENT DOCUMENTS (Cont'd.)							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
97/101	123.	WO 94/27988	12/08/94	WIPO	C07D	401/12	X
	124.	WO 95/01783	01/19/95	WIPO	A61K	9/24	X
	125.	WO 95/01977	01/19/95	WIPO	C07D	401/12	X
	126.	WO 95/18612	07/13/95	WIPO	A61K	31/44	X
	127.	WO 95/32957	12/07/95	WIPO	C07D	401/12	X
	128.	WO96/01622	01/25/96	WIPO	A61K	9/24	X
	129.	WO 96/01623	01/25/96	WIPO	A61K	9/26	X
	130.	WO 96/02535	02/01/97	WIPO	C07D	401/12	X
	131.	WO 97/20851	06/12/97	WIPO	C07F	7/08	X
	132.	WO 97/25030	07/17/97	WIPO	A61K	9/46	X
	133.	WO 98/19668	05/14/98	WIPO	A61K	9/50	X
	134.	WO 98/53803	12/03/98	WIPO	A61K	9/28	X
	135.	WO 98/54171	12/03/98	WIPO	C07D	401/12	X
97/101	136.	WO 99/08500	02/25/99	WIPO	NONE		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
97/101	137.	U.S. Patent Application No. 09/519,976 to Whittle et al. entitled <i>Alkoxy Substituted Benzimidazole Compounds, Pharmaceutical Preparations Containing the Same, and Methods of Using the Same</i> ; filed March 7, 2000.					
	138.	U.S. Patent Application No. 09/629,587 to Whittle et al. entitled <i>Pharmaceutical Formulations</i> ; filed July 31, 2000.					
	139.	U.S. Patent Application No. 09/630,022 to Whittle et al. entitled <i>Pharmaceutical Unit Dosage Form</i> ; filed July 31, 2000.					
	140.	U.S. Patent Application No. 09/628,840 to Whittle et al. entitled <i>Method Improving Bioavailability</i> ; filed July 31, 2000.					
	141.	U.S. Patent Application No. 09/629,634 to Whittle et al. entitled <i>Pharmaceutical Unit Dosage Form</i> ; filed July 31, 2000.					
97/101	142.	"The Mechanism of Action of the Gastric Acid Secretion Inhibitor Omeprazole," <i>Journal of Medicinal Chemistry</i> 29:8 1327-1329 (1986).					


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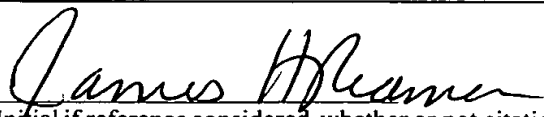
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	143.	Allam et al.; "Molecular interaction of tubulin with 1-deaza-7,8-dihydropteridines: a comparative study of enantiomers NSC 613862 (S) and NSC 613863 (R) by Raman and Fourier transform infrared spectroscopy," <i>Int J Biol Macromol</i> 17:1 55-60 (February 1995).	
	144.	Brändström et al.; "Structure activity relationships of substituted benzimidazoles," <i>Scandinavian Journal of Gastroenterology</i> 20:Supplemental 108 15-22 (1985).	
	145.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. I. A Survey of the Chemical Transformations of Omeprazole and its Analogues," <i>Acta Chemica Scandinavica</i> 43:536-548 (1989).	
	146.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. II. Kinetics of the Reaction of Omeprazole in the Presence of 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:549-568 (1989).	
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	148.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. IV. Reactions of Compounds of the Omeprazole System with 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:577-586 (1989).	
	149.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. V. The Reaction of N-Alkylated Derivatives of Omeprazole Analogues with 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:587-594 (1989).	
	150.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. VI. The Reactions of Omeprazole in the Absence of 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:595-611 (1989).	
	151.	By et al.; "Fourier transform infrared/Raman differentiation and characterization of cis- and trans-2,5-dimethoxy-4,beta-dimethyl-beta-nitrostyrenes: precursors to the street drug STP," <i>J Forensic Sci</i> 37:2 503-512 (March 1992).	
	152.	By et al.; "4-Hydroxybenzazoles: Preparation and Antibacterial Activities," <i>J. Pharm. and Pharmacol</i> 8:661-665 (1956).	
	153.	Clissold et al.; "Omeprazole A Preliminary Review of its Pharmacodynamic and Pharmacokinetic Properties, and Therapeutic Potential in Peptic Ulcer Disease and Zollinger-Ellison Syndrome," <i>Drugs</i> 32:15-47 (1986).	
	154.	Dluhy et al.; "Infrared characterization of conformational differences in the fatty acid 1,3-dipalmitoyl-sn-glycero-2-phosphocholine," <i>Biochim Biophys Acta</i> 821:3 437-444 (Dec. 19, 1985).	
	155.	Erlandsson; "Resolution of the enantiomers of omeprazole and some of its analogues by liquid chromatography on a trisphenylcarbomoylcellulose-based stationary phase. The effect of the enantiomers of omeprazole on gastric glands," <i>Journal of Chromatography</i> 532:305-319 (1990).	
	156.	Lindberg et al.; "Structure-activity relationships of omeprazole analogues and their mechanism of action," <i>TIPS</i> 8:399-402 (October 1987).	

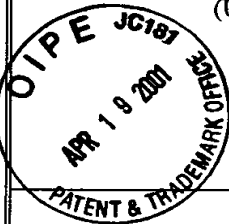


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	157.	Maier et al.; "Diphenylethanediamine (DPEDA) Derivatives as Chiral Selectors: IV. A Comparison of 3,5-Dinitrobenzoylated (S,S)- and (S,R)-DPEDA-Derived Chiral Stationary Phases with Pirkle's Standard (R)-Phenylglycine-Derived Phase in Normal Phase HPLC," <i>Chirality</i> 6:116-128 (1994).	
	158.	Marle et al.; "Separation of enantiomers using cellulase (CBH I) silica as a chiral stationary phase," <i>Journal of Chromatography</i> 582:233-248 (1991).	
	159.	Marle et al.; "Chiral stationary phases based on intact and fragmented cellobiohydrolase I immobilized on silica," <i>Journal of Chromatography</i> 648:333-347 (1993).	
	160.	Matysik et al.; "Raman spectroscopic analysis of isomers of biliverdin dimethyl ester," <i>J Pharm Biomed Anal</i> 15:9-10 1319-1324 (June 1997).	
	161.	Ohishi et al.; "Structure of 5-Methoxy-2-[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazole (Omeprazole)," <i>Acta Cryst. C</i> 45:1921-1923 (1989).	
	162.	Rudiger et al.; "Reconstitution of bacteriorhodopsin from apoprotein and retinal studied by Fourier-transform infrared spectroscopy," <i>Biochemistry</i> 36:16 4867-4874 (April 22, 1997).	
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5573-124		Serial No. 09/648,490	
				Applicants: Whittle et al.			
				Filing Date August 25, 2000		Group 1743	




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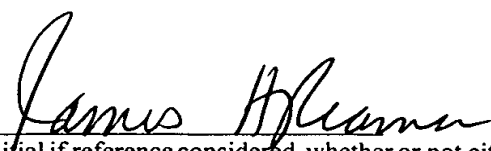
FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	U.S. Patent Application No. 09/645,146 to Whittle et al. entitled <i>Dry Blend Pharmaceutical Formulations</i> ; filed August 24, 2000.
	2.	U.S. Patent Application No. 09/645,148 to Whittle et al. entitled <i>Dry Blend Pharmaceutical Unit Dosage Form</i> ; filed August 24, 2000.
	3.	U.S. Patent Application No. 09/645,145 to Whittle et al. entitled <i>Alkoxy Substituted Benzimidazole Compounds, Pharmaceutical Preparations Containing the Same, and Methods of Using the Same</i> ; filed August 24, 2000.

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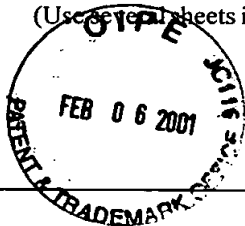
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Serial No.
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Applicants:

Whittle et al.

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<i>9/10/01</i>	C1	Tensmeyer et al.; "Analytical Applications of Raman Spectroscopy in the Pharmaceutical Field," <i>Trends in Analytical Chemistry</i> 8:1 19-24 (January 1989).					
<i>9/10/01</i>	C2	International Search Report, PCT/US 00/ 23368, Date of Mailing: January 2, 2001.					

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